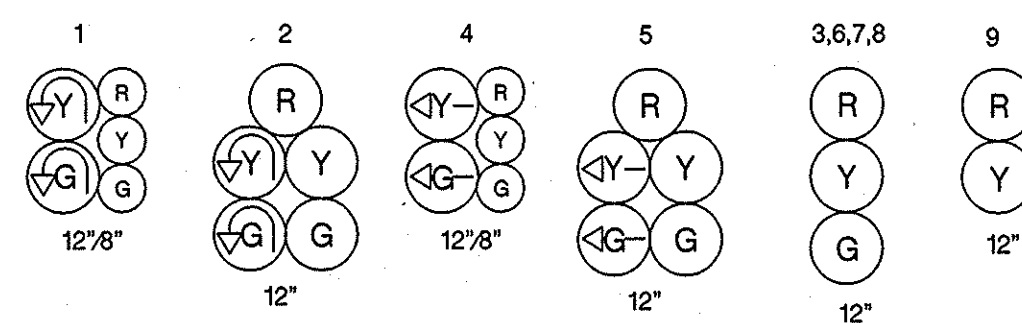


US 301 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

#### PROPOSED CAMERA

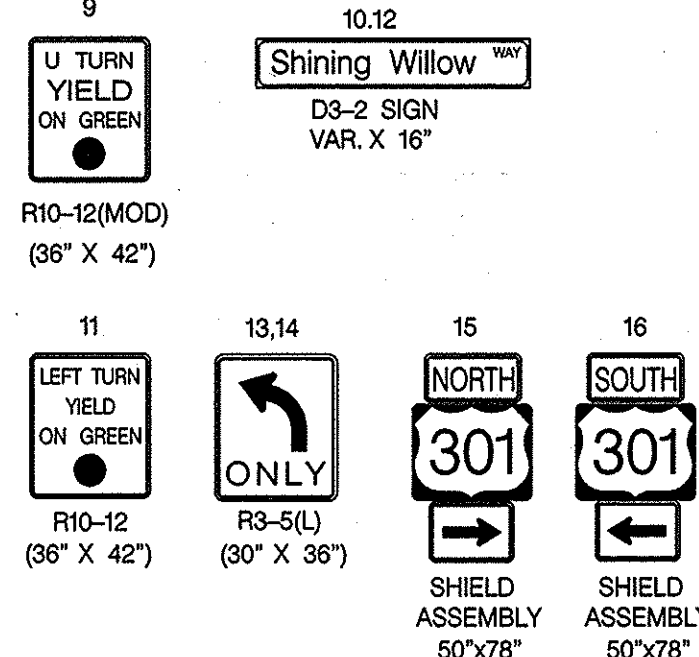


#### EXISTING SIGNALS

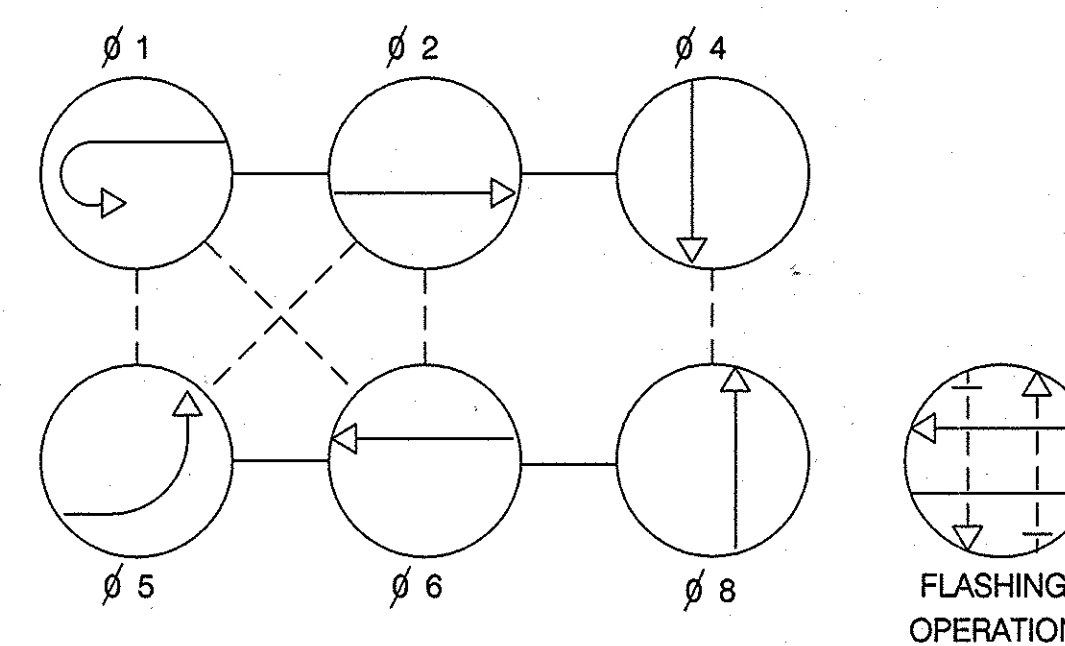


## SHINING WILLOW WAY

#### EXISTING SIGNS



#### NEMA PHASING



PHASING NOTES:  
1) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
2) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

#### CONSTRUCTION DETAILS

- RELOCATED BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
- INSTALL ELECTRICAL HANDHOLE
- INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM
- USE EXISTING CONDUIT
- USE EXISTING HANDHOLE
- REMOVE EXISTING AND INSTALL NEW NON-INVASIVE PROBES IN EXISTING CONDUIT
- INSTALL METER SERVICE PEDESTAL
- VIDEO DETECTION ZONE
- SPLICE NEW 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE TO EXISTING LOOP WIRE IN EXISTING HANDHOLE
- USE EXISTING LOOP DETECTOR
- EXISTING BASE MOUNTED CABINET AND CONTROLLER TO BE RELOCATED
- REMOVE EXISTING HANDHOLE
- CAP AND ABANDON EXISTING CONDUIT
- REMOVE EXISTING R10-12 SIGN
- INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED

US 301 S.B.

US 301 N.B.

#### GENERAL NOTES

- THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
- ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE.  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- REMOVE ALL UNUSED CABLE

#### SPECIAL NOTE:

- FOR THE CONTROLLER RELOCATION, THE CONTRACTOR SHALL CONTACT THE STATE POLICE FOR TRAFFIC CONTROL DURING SWITCH-OVER AND WORK SHOULD OCCUR ON A SATURDAY OR SUNDAY DURING NON-PEAK HOURS.
- THE CONTRACTOR SHALL KEEP THE SIGNAL OPERATIONAL UNTIL READY TO MOVE THE CONTROLLER.
- NEW INTERCONNECT CABLE SHALL BE INSTALLED BETWEEN THE PROPOSED CONTROLLER AND THE EXISTING CONTROLLERS AT US 301 AND MD 225 AND US 301 AT HERITAGE GREEN PARKWAY. APPROXIMATE LENGTH OF OVERHEAD AND UNDERGROUND INTERCONNECT CABLE IS 4200 L.F.

#### LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

**T**RAFFIC **C**ONCEPTS, INC.  
325 Gambrills Road  
Suite E  
Gambrills, MD 21054  
(410) 923-7101  
FAX (410) 923-6473  
EMAIL TRAFFIC.CONCEPTS@COMCAST.NET

#### APPROVALS

TEAM LEADER  
ASST. DIR. CHIEF  
DIVISION CHIEF  
OFFICE DIRECTOR

#### REVISIONS

3-3-07  
RELOCATE BASE MOUNTED  
CABINET DUE TO WIDENING  
SHA NO. BW-996M82  
TMZ

SCALE 1"=20' DATE 10-4-02 CONTRACT NO. BW-996M82

DESIGNED BY T. ZAYDEL COUNTY CHARLES  
DRAWN BY M. HOWELL LOGMILE 08030115.84  
CHECKED BY T. ZAYDEL T.I.M.S. NO. I-319  
F.A.P. NO. NA TOD NO.

DRAWING NO. TS-4214A SHEET NO. 1 OF 2